

## BIBLIOGRAFIA

- Bunge M.: *Treatise on Basic Philosophy*, vol. 3: *Ontology I: The Furniture of the World*, Dordrecht–Boston: D. Reidel Publishing Company 1977.
- Hajduk Z.: Henryk Mehlberg, [w:] *Polska Filozofia Powojenna*, t. 2, red. W. Mackiewicz, Warszawa: Agencja Wydawnicza Witmark 2001, s. 46-81.
- Kauzalna teoria czasu w filozofii nauki Henryka Mehlberga, [w:] *Czas...,* red. M. Heller, J. Mączka, Tarnów: Biblos 2001, s. 159-171.
- Heller M.: *Ewolucja kosmosu i kosmologii*, Warszawa: PWN 1985.
- *Filozofia nauki. Wprowadzenie*, Kraków: Wydawnictwo Naukowe PAT 1992.
- *Fizyka ruchu i czasoprzestrzeni*, Warszawa: PWN 1993.
- Leibniz G. W.: *Wyznanie wiary filozofa*, Rozprawa metafizyczna, *Monadologia*, *Zasady natury i łaski oraz inne pisma filozoficzne*, tł. S. Cichowicz, J. Domański, H. Krzeczkowski, H. Moese, Warszawa: PWN 1969.
- Mehlberg H.: *Time, Causality and Quantum Theory. Studies on the Philosophy of Science*, vol. 1: *Essay on the Causal Theory of Time*; vol. 2: *Time in a Quantized Universe*, Dordrecht–London: D. Reidel Publishing Company 1980.

THE ONTOLOGICAL STATUS OF TIME  
IN THE PHILOSOPHY OF HENRY MEHLBERG

## Summary

The paper presents the stand of Henry Mehlberg on the nature of physical time. This is both an antirelational and relativistic outlook. It deals with the problem of ontological independence and physical reality of time, particularly in the context of discussion between relational and substantival theory of time, and criticism of the positivistic interpretation of relational theory. It outlines some arguments for reality of time, derived from the quantum physics. This conception is a philosophical basis of the causal theory of time, created by Henry Mehlberg.

*Summarized by Tadeusz Pabjan*

**Slowa kluczowe:** czas, natura czasu, realność czasu, Mehlberg.

**Key words:** time, nature of time, reality of time, Mehlberg.

**Information about Author:** Rev. M.A. TADEUSZ PABJAN – Chair of Philosophy of Cosmology, Faculty of Philosophy, The John Paul II Catholic University of Lublin address for correspondence: Al. Racławickie 14, PL 20-950 Lublin; e-mail: tedi@student.kul.lublin.pl